

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Yutaka TAKITA et al.

Application No.:

Group Art Unit:

Filed: Examiner:

For: PULSE GENERATING APPARATUS AND METHOD

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.

2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
- 2b. ☐ set forth in the application.

- 2c. ☒ satisfied because an English language translation of the Abstract is attached to each non-English language publication.
- 2d. ☐ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF REFERENCES CITED BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>	ATTORNEY DOCKET NO. 826.1944	APPLICATION NO.
FIRST NAMED INVENTOR Yutaka TAKITA et al.		
FILING DATE		GROUP ART UNIT

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA	5,381,426	01/10/95	FONTANA et al.			
AB						
AC						
AD						

### FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
AE	6-302881	10/28/94	JAPAN		Abstract
AF	5-095152	04/16/93	JAPAN		Abstract
AG					

### OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

			TRANSLATION YES NO	
	AH	T. KOBAYASHI et al., "Optical Pulse Compression Using High-Frequency Electrooptic Phase Modulation", IEEE Journal of Quantum Electronics, vol. 24, no. 2, 1988, pp. 382-387.		
	AI	E. YOSHIDA et al., "A 40-GHz 0.9-ps Regeneratively Mode-Locked Fiber Laser with a Tuning Range of 1530-1560 nm", IEEE Photonics Technology Letters, vol. 11, no. 12, 1999, pp. 1587-1589.		
	AJ	H.F. LIU et al., "Generation of Wavelength-Tunable Transform-Limited Pulses from a Monolithic Passively Mode-Locked Distributed Bragg Reflector Semiconductor Laser", IEEE Photonics Technology Letters, 1995, vol. 7, No. 10, pp. 1139-1141.		
	AK	N. FROBERG et al., "Multi-gigabit short pulse generation from integrated DBR laser/modulators", IEEE Lasers and Electro-optics Society 1994 Annual Meeting Conference Proceedings, vol. 2, pp. 188-189.		
	AL	Volkan KAMAN et al., "Integrated Tandem Traveling-Wave Electroabsorption Modulators for > 100 Gbit/s OTDM Applications", IEEE Photonics Technology Letters, vol. 12, no. 11, 2000, pp. 1471-1473.		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.